

## ABSTRACT OF THE INVENTION

A seed planting assembly is provided having a plurality of planting units supported by a tool bar, each of which being operable to form a seed trench in soil, plant seeds in the seed trench, and close the seed trench. The seed trench defines a depth that is achieved via a pair of gauge wheels. A press wheel assembly packs the trench after it has been seeded and closed. The planting assembly links the forward gauge wheels with the rear press wheel assembly for reciprocal motion to reduce the trench depth displacement when either a gauge wheel or a press wheel travels over an obstacle.

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